



Dongguan RF Electronic Technology Co., Ltd

Company Address: No. 1, Qinghu Head Sankeng Industrial Zone, Tangsha Town, Dongguan City Tel: 0769-38940168 Fax: 0769-39010966 Website: <http://rflink.net.cn>

SPECIFICATION SHEET

CUSTOMER NAME: Wang Shi

PRODUCT NAME: The 2.4GHz built-in antenna is exposed by L=75mm

CUSTOMER P/N: 1290-00224

Ren Feng P/N: U00T02S000N07587 REV:A

Internal structure:

National invention patent No

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Zhao Wentian	
AUDITOR BY:	Song Jun	
APPROVED BY:	Yao Dingjun	
DATE:	2025-02-21	

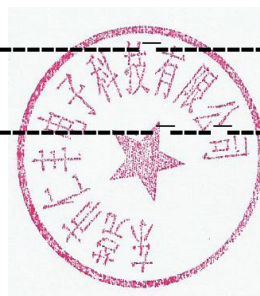


Resume					
Edition No.	Modify chapter	Modify Page	Effective date	File and data changes	Change recorder



Contents

<i>Description</i>	<i>Page</i>
1、 Cover -----	1
2、 Resume -----	2
3、 Contents-----	3
4、 Specifications sheets -----	4
5、 End product chart -----	5



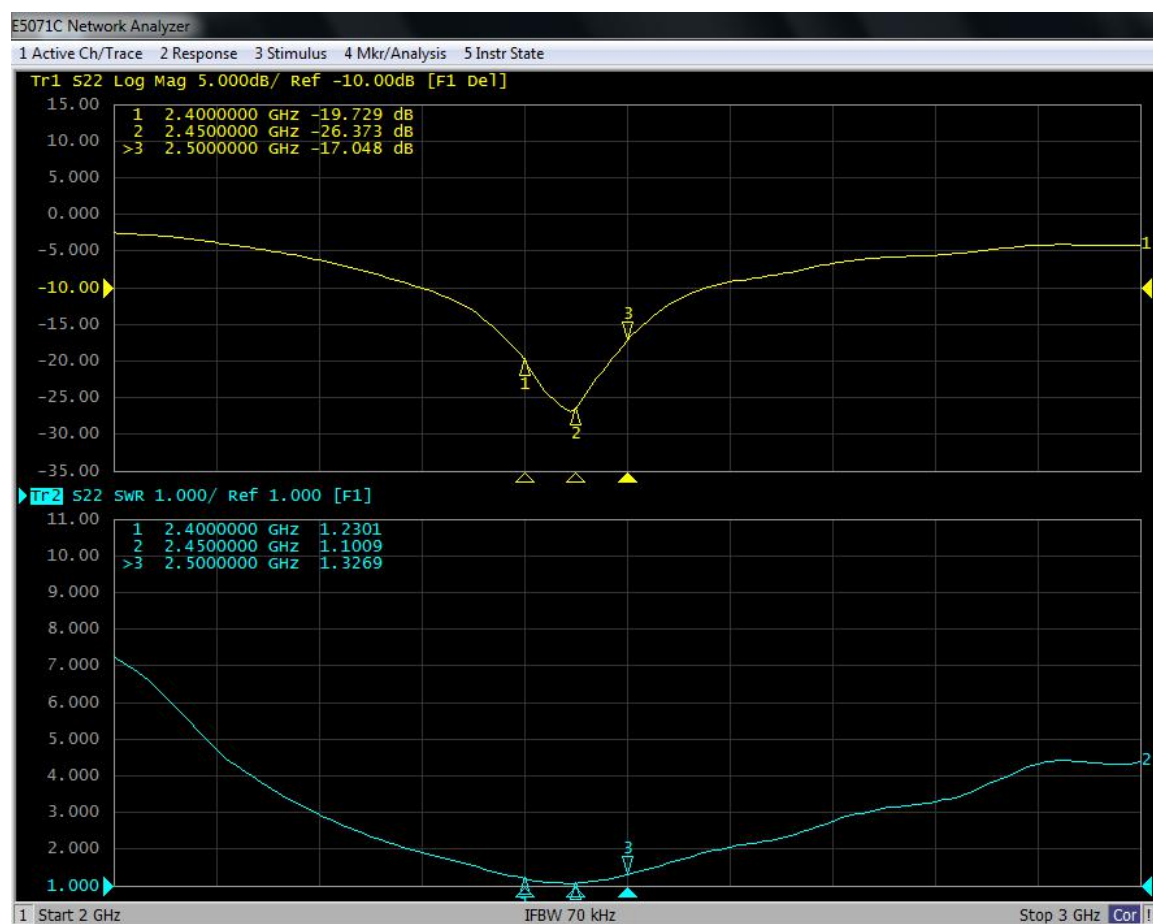


Electrical parameters and mechanical parameters

Frequency	2400-2500MHz
Impedance	50Ω
V.S.W.R.	≤ 2 . 0
Antenna Gain (Peak Gain)	≤ 3
Polarization	Cross
Return Loss	/
Orientation of antenna	Omni-directional
Antenna Effieient	/
Cable Type	1.13 Coaxial cable
AntennaBase	FPC
Connector Type	A generation of domestic IPEX
Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+70℃

[illegible]

Test Report



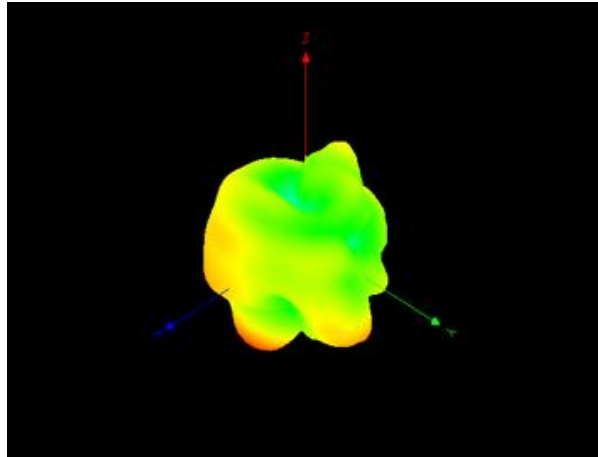
◆ Radiation parameter table

ANT1		
Frequency /MHz	efficiency /%	gain /dBi
2400	61.78	3.05
2410	61.78	3.13
2420	62.07	3.17
2430	63.55	3.3
2440	64.98	3.47
2450	65.19	3.54
2460	64.67	3.65
2470	64.87	3.74
2480	64.57	3.67
2490	64.77	3.71
2500	64.77	3.71

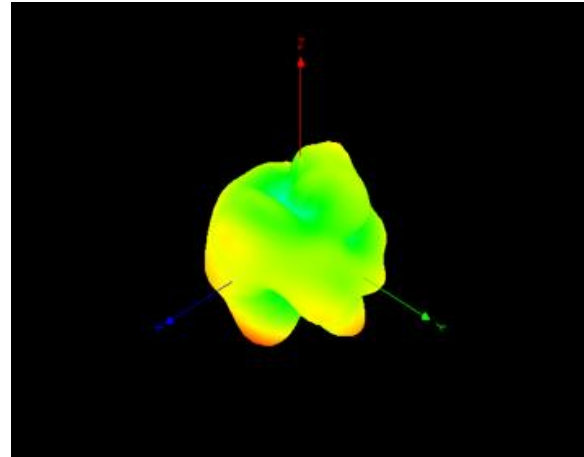
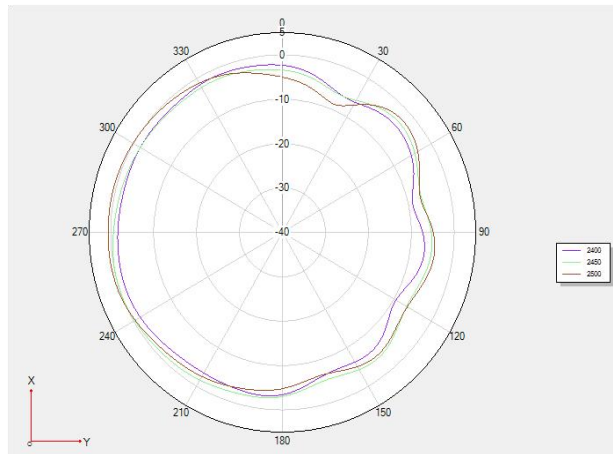
Passive report

◆ Radiation direction diagram ANT 2.4GHz

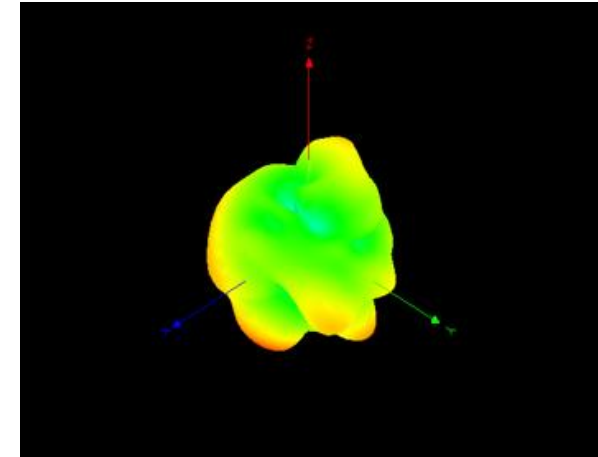
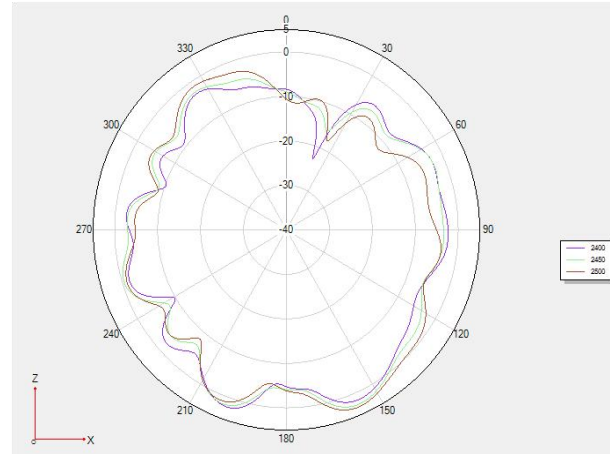
3D direction chart



H-THET=90



E1-PHI=0



E2-PHI=90

